

Figure 1

ATTCGGACAGTGACGCCATGCACTACGTTACCGTCCCGTGGTAGCCTCCACCGGGGGCTGGTCGACACCGTCAAGGAGGGCGTCACCGGCTTCCA  
 TAAGCCGTGCTCACGTGCGGTACGTGATGCCATGGCAGGGGACCATCGGAGGTGGCGCGGACAGCTGTGGCAGTTCCTCCCGCAGTGGCCGAAGGT  
 S A R V H A M H Y G T V P V A S T G G L V D T V K E G V T G F H  
 CATGGCGCGCTGAACCCGACAGCTGGACGAGGCTGACGCCAGCGCCCTGGCCGCCACCGTGGCGGAGGAGGTGTTCGGGGGGGGCGGTAC  
 GTACCGCGGGACTTGGGGCTGTTCGACCTGCTCCGACTGCGGTGCGGACCGGCTGGCAGCGGCGGACCGTCCACAAACGCCCGCGCGGATG  
 M G A L N P D K L D E A D A D A L A A T V R R A S E V F A G G R Y  
 CCCGAGATGGTGGCCAACTGCATCAGCCAGGACCTGTCTGTCCAAAGCCCGCCAGAGTGGAGGGCTGTGGAGGAGGTGGTGTACGGCAAGGGG  
 GGGCTCTACCAACCGGTTGACGTAGTCGGTCTTGACAGGACAGGTTCCGCGGGGTCTTACCCCTCCCGACGACCTCCTCCACCATGCGCTTCCCG  
 P E M V A N C I S Q D L S W S K P A Q K W E G L L E V V Y G K G G  
 GCGTGGCCACCGCCAAAGAGGAGATCAAGGTGCCCGTTCGCGAGAAGATCCCCGGGACCTGCCCGCGGTGTCTACGCCCGCCCAACACCTGAAGCC  
 CGCACCGGTGGCGGTCTTCTCTCTAGTTCACGGGCAACGGCTCTTCTAGGGCCGCTGGACGGGCGGACAGGATGCGGGGTGTGGGACTTCGG  
 V A T A K K E E I K V P V A E K I P G D L P A V S Y A P N T L K P  
 CGTGTCCGCTCCGTGAGGCAACGGCGCGCGCCGCGCCAAAGTTCGSCACCAACCGCCCGCCATGGCGCGGTGGCGCGGACCAACCCCTCGGGCCCC  
 GCACAGGCGGAGGCACCTCCCGTGGCGGGCGGGGTTCCAGCCGTGGTGGCGGGCGGTACCCGCGCACCGCGCTGGTGGGGAGCCCGGGG  
 V S A S V E G N G A A P K V G T T A P A M G A W R A T T P S G P  
 TCGCCCGCGCGCCACCCCAAGGTGACCACTACAAAGCCCGCCCTGCCCGCCACCGCCCAAGCCAGCCGCTGGCTCAAGCTGGCCGGTGAGGCCT  
 AGCGGGCGGGCGGTGGGTTCACCTGTTGATGTTCCGCGGGGACGGCGGTGGCGGTTCGGGTTCGGCGACCGGAGTTCGACCGGCCACTCCGGA  
 S P A A A T P K V T T Y K P A L P A T A K P K T A G L K L A G E A S  
 CCACCACCTCGACCTCGGAGAACGGCGTCCCTCCAAAGGCAACGGCAACGGTGCCTCCAGACCTCGGCTGCCAAGCCCTGGTCTCCGCGCG  
 GGTGGTGGAGCTGGAGCCTCTTCCCGGACGAGGTTGCCGTTCGCGTTCGACGAGCCGAGGTTCTGGAGCCGACCGTTCGGGGACCAAGAGCGCGG  
 T T S T S E N G A A S N G N G A S A S K T S A A K P L V S A A  
 CACCCGCAAGTCCGCGTAAAGCGGAGTAGCCGCGAGAGCGCGGACAGCATGAGCGGCTCGACCAAGCTGTGGCAGGAACGGCTGTAGCAGCGGACGGC  
 GTGGCGGTTACGGCGGATTTCGCGGTCATCGCGGCTCTCCGCGCTGTCTGCTACTCGCGGAGTGGTTTCGACACCGTCTTCCGACATCGTCGCGCTCCG  
 T R K S A  
 GGCGGCCACCGCGGAGGACGAGCTTGGCGGACGCGAGGGCGATGAGCTTAGCGGGCGGTGAGCATGGCAGCGGGAACGCTGTGTACTGAAATGTGGTGCAT  
 CCGCGGTGGCGCTCCTCGTCCGAACGCCGTGCTCCCGCTACTCGAATCGCCGCGGACTCGTACCGTCCGCTTTCACACATGACTTTACACACCGTA  
 GAGAGTGTGCTGTAAAGTCGGTTTTTCGAGACCGGAGAAACCGCGTTTGGTTTTGTAGTGCAGGGCGCTGTGGTTTCGGTTTTCGCCCAAGTCCA  
 CTCTCACAGCACGACATTACTTCAGCCCAAAACGCTCTGGCCTCTTTGGGGCCAAACCAACCATCACGTCCCGGACACCAAGCCAAACGGGTTTCAGGT

Figure 1 (continued)

AAAGAAAGTAACGAAACTGTAGCAGTAGCAGAGCACTTGGCGGGGGGGGACACAGCGGGCCCGTGGCGAGCCTGTCTGCCCCTCAGCCTTGTGATTC  
TTTCTTCTCATTTGACATCGTCTCGTGAACGGCGCGCGCGCTGGTGGCGCGGACGCGTGGACAGGACGGAGTCGGAACACTAAG  
GGGGCAAGAGGGCGGGTCTGTACACTCCATCCATTCCAGGATTTTGCAGGCTGCCTGAGAGTTTGCCTATTTGTGGACGTGAGCGGGGACGGCCG  
CCGCCGTTCTCCGCGCCAGACATGTGAGGTAGGTAGGTCTTAAACAGTCCGACGGACTCTCAAACGGTAAACACCCCTGCACTCGCCCGCCCTGCCCCG  
CGCCGGGCTCTCTACCGCTCCGGCAACGGAGAGTGGAGGGCGCTGTAGCCCCGGTGACCCCCCAATGTAGAGGATGGGATACATAAGAGCGGTGTGAA  
GGGGCCCGAGAGGATGGCGGAGGCCGTTGCCCTCTTCAACCTCCGGGACATCGGGCCACTGGGGGTTACATCTCTACCCCTATGTATTCTCGCACACCTT  
TGGTGGTAAAGAGGAGGGGCTGGGTGCGCCCTCGATGGTTTGTGAGGTGCAGACGGCACCGTGGCGTCAAAGGCCCTCGCAAGGCCCGGGTGCCT  
ACCACCATTTCTCTCCCGGACCCAGCGGGGAGCTACCAAAACAACTCCACGTCTGCCGTGGCAGCCGAGTTCCGGGAGCGTTCCGGGGCCCCACGGA  
TGGGCTCATTTTGGTGCCCGTCGATGATGAGAGATTGGCCAGCGGTTTGTGAGGCTGGCTCGAAGCGAGGTTTGTGGAAGTGGAGCGAGGAGGTG  
ACCCGAGTAAACACCGGCAGCTACTCTCTAACCGGTCCGCAAAACAACTCCGACCGAGCTCGCTCCCAACACCTTCACCTCGCTCCTCCCCAAC  
GAGAAAGAGCGGGACATGCTTGAAGGTACACAAAGTGGAGCGTGGACCGGCACGGAGGCAATTGGCCGACTATTGACCCAGTAGTGTGAAAGTAGT  
CTCTTTCTCCGCTGTACGAACTGACCTCCATGTGTTTCACTCGCACGCTGCCGTGCCCTCCGTAAACCGCTGATAACTGGGTCAACACCTTTCATCA  
TGGACCTGAATTCTTTGAGAGTACCGCGCATTAATCCGTGAGAGAGTAACAAAGATGGCACCTGAAAAAAGAAAAAAGAAAAAAGAAAAA  
ACCTGGACTTAAGAAACTCTCATGGCGCGTAATTAGGCACTCTCTCATGTGTTCTACCGTGGACTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT

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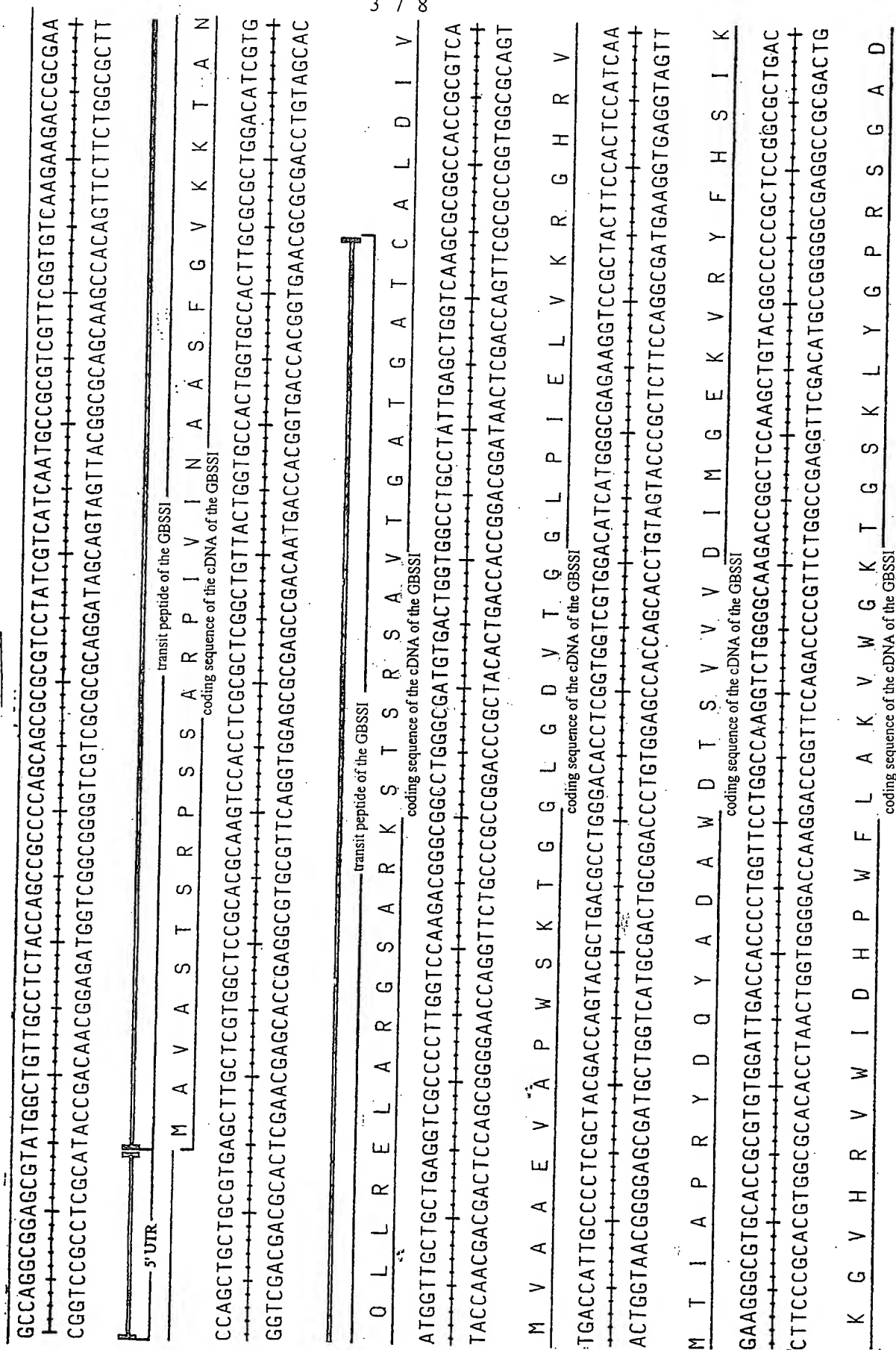


Figure 2 (continued 1)

TACCTGGACAACCAAGCGCTTCGCCCTGTTCIGCAAGCGCTATTAGGCTGCCCGCGTGTGCTTCCGCCCGGAGGACTGCGTCTTCGTGG  
 ATGGACCTGTGTGTTTCGGAAGCGGACAAAGACGTTCCGGCGGATAACTCCGACGGGCGCACGACGGGAAGCCGGGGCCGCTCCTGACGCAGAAGCACC  
 Y L D N H K R F A L F C K A A I E A A R V L P F G P G E D C V F V  
 CCAACGACTGGCACTCCGCCCTGGTGGCCGCTCTGTGAAGGACGAGTACCAGCCCAAGGCCAGTTCACCAAGGCCAAGTCGGTGTGCTATCCACAA  
 GGTGCTGACCGTGAGGCGGACCAACGGCAGGACGACCTCTGCTCATGTCGGGTTCCCGTCAAGTGGTTCGGTTCAGCCACGACCGATAGGTGT  
 A N D W H S A L V P V L L K D E Y O P K G Q F T K A K S V L A I H N  
 CATCGCCTTCAGGGCCGATGTGGGAGGAGGCTTTCAGGACACGAAGCTGCCCCAGGCCCTTTTGACAAGCTGGCCTTCTCGGACGGCTATGCCAAG  
 GTAGCGGAAGTCCCGGCGTACACCTCTCCGAAAGTTCCTGTGCTCGACGGGTCGCGGGAACCTGTTGACCGGAAGAGCCTGCCGATACGGTTC  
 I A F Q G R M W E E A F K D T K L P O A A F D K L A F S D G Y A K  
 GTTACACTGAGGCCACCCCATGGAGGAGGACGAGAAGCCCGCTGACGGGAAGACCTACAAGAAGATCAACTGGCTGAAGGGTGGCATTATCGCCG  
 CAAATGTGACTCCGGTGGGGTACCTCTCTGCTCTCGGGGGGACTGCCCTTTCGATGTTCTTAGTTGACCGACTTCCCACCGTAATAGCGGC  
 V Y T E A T P M E E D E K P P L T G K T Y K K I N W L K G I I A  
 CCGACAAGCTGGTGAAGTGTGCTGCGCCCAACTACGCGACCGAGATCGCTGCCGATGCCGCGGGGTGTGGAGCTGGACACCGTCATCCGCGCAAGGCGCAT  
 GGCTGTTCGACCACTGACACAGCGGGTGTGCTGCGTGGCTCTAGCGACGGCTACGGCGGCCGCCACACCTCGACCTGTGGCAGTAGGGCGGGTTCGCCGTA  
 A D K L V T V S P N Y A T E I A A D A A G G V E L D T V I R A K G I  
 TGAGGGCATTTGTAACGGCATGGACATTGAGGAGTGGAAACCCCAAGACCGAAGTTCCTGTCTGCGCCCTACGACCAAGACAGCGTCTACGCCGCAAG  
 ACTCCCGTAACACTGCGGTACCTGTAACTCCTACCTTGGGTTCGCTGTTCAGGACAGACGCGGGATGCTGGTCTTGTGCGCAGATGCGGCCGCTTC  
 E G I V N G M D I E E W N P K T D K F L S A P Y D O N S V Y A G K

V F A G G R Y P E M V A N C I S Q D L S W S K P A O K W E G L L E  
coding sequence of the cDNA of the c-fes.

Figure 2 (continued 3)

GAGGTGGTGTACGGCAAGGCGGCGTGGCCACCGCAAGAGGAGGAGATCAAGGTGCCCGTTGCCGAGAAGATCCCCGGCGGACCTGCCCGCGGTGCTCT  
CTCCACCACATGCGGTTCGCCCGCACCGGTGGCGGTTCCTCCTCTAGTTCACGGGCAACGGCTCTTCTAGGGCCGCTGGACGGGCGGCACAGGA  
E V V Y G K G G V A T A K K E E I K V P V A E K I P G D L P A V S  
ACGCCCCAACACCCCTGAAGCCCGTGTCCGCTCCGTTGGAGGGCAACGGCGCCGCCCAAGGTCCGCCACCAACCGCCCCCGCATGGGCGGTGGCG  
TGGCGGGGTGTGGGACTTCGGGCACAGGCGGAGGCACCTCCCGTTGCCGCGGCGCGGGTTCACGCCGTGGTGGCGGGGCGGTACCCGCGCACCGC  
Y A P N T L K P V S A S V E G N G A A P K V G T T A P A M G A W R  
CGCGACACCCCTCGGGCCCTCGCCCGCCGCCACCCCAAGGTGACCACTACAAGCCCGCCCTGCCCGCACCGCCCAAGCCCAAGACCGCTGGC  
GCGCTGGTGGGGAGCCCGGAGCGGGCGGCGGCGGTGGGTTCCACTGGTGGATGTTCCGGCGGGACCGCGGTGGCGGTTCGGGTTCTGGCGGACCG  
A T T P S G P S P A A T P K V I T Y K P A L P A T A K P K T A G  
CTCAAGCTGGCCGGTGAGGCTCCACCACCTCGACCTCGGAGAACGGCGCTGCCCTCCAACGGCAACGGCAACGGTGCCTCGGCCCTCCAAGACCTCGGCTG  
GAGTTCGACCGGCCACTCCGGAGGTGGTGGAGCTGGAGCCCTCTGCCCGCAGCGAGGTGCCGTGCCCGTGGCACGGAGCGGAGGTTCTGGAGCCGAC  
L K L A G E A S T T S T S E N G A A S N G N G A S A S K T S A  
CCAAGCCCTGGTCTCCGCCGCCACCGCAAGTCCGCTAAAGCGGCAGTAGCCGCGAGGGCGGACAGCATGAGCGGCTCGACCAAGCTGTGGCAGG  
GGTTCGGGGACCAGAGGCGGCGGTGGGCGTTTCAGGCGGATTCGCCGTCATCGGCGCTCTCCGCCGCTGTCGTACTCGCCGAGCTGGTTTCGACACCGTCC  
A K P L V S A A T R K S A  
AACGGCTGTAGCAGCGGCAGGCGGCCGCCACCGCGGAGGAGCAGGCTTGGCGCAGCGGCGGATGAGCTTAGCGGCCGTGAGCATGGCAGGCGGAAACG  
TTGCCGACATCGTCCGCGTCCGCCGCGGTGGCGCTCTCGTCCGAACGCCGCTCGCTCCCGCTACTCGAATCGCCGGGCACTCGTACCGTCCGCCCTTTCG

Figure 2 (continued 4)

TGTTGCTAGTAAATGTGGTGCATGAGAGTGTGCTGTAATGAAGTCGGTTTTCGAGACCGGAGAAACGCCGGTTTGGTTTGTAGTGCAGGCTGTG  
 ACACATGACTTTACACCACGTACTCTCACAGCAGCAGACATTACTTCAGCCAAACGCCTGGCCTCTTTGCGGCCAAACCAACATCACGTCCCGGACAC

noncoding sequence of the cDNA of the GBSSI

GTTCGGTTTTGCCCCAAGTCCAAAAGAAGAGTAACGAAACTGTAGCAGTAGCAGAGCACITGCGGGCGGGGACCAAGCCGGCCCGTGGCAGCCTGT  
 CAAAGCCAAACGGGTTTCAGGTTTCTTCTCATTTGCTTCGTGACATCGTCTCGTGAACGCGCCGCCCGCTGGTGCAGGCCGGCACGCGTCCGGACA

noncoding sequence of the cDNA of the GBSSI

CCTGCCCTCAGCCTTGIGATTCGGCGGCAAGAGGGCGGCTCTGTACACTCCATCCAGGATTTTTCAGGCTGCCTGAGAGTTTGCCATTTTGTGG  
 GGACGGGAGTCGGAACACTAAGCCGCCGTTCTCCCGCCAGACATGTGAGGTAGGTAAAGTCTCTAAAACGTCCGACGGACTCTCAAACGGTAAACACAC

noncoding sequence of the cDNA of the GBSSI

GACGTGAGCGGGGACGGCCGCGGCTCTCCTACCGCTCCGGCAACGGAGAAGTGGAGGCGCTGTAGCCCGGTGACCCCCCAATGTAGAGGATG  
 CTGCACCTCGCCGCCCTGCCGGCGCGGCCGAGAGGATGGCGAGGCCGTTGCCCTTCACCCCTCCGCGACATCGGGCCACTGGGGGGTTACATCTCCTAC

noncoding sequence of the cDNA of the GBSSI

GGATACATAAGAGCGTGTGGAATGGTGGTAAAGAGGAGGGGCTGGGTGCGCCCTCGATGGTTTTGTGAGGTGCAGACGGCACCGTCGGCGTCAAAGG  
 CCTATGTATTCTGCACACCTTACCACCATTTTCCTCCCGGACCCAGCGGGGAGCTACCAAAACAACCTCCAGCTCGCCGTGGCAGCCGACGTTTCC

noncoding sequence of the cDNA of the GBSSI

CCCTCGCAAGGCCCGGCTGCCCTGGGCTCATTTTTGGTGCCCGTTCGATGATGAGAGATTGGCCAGCGGTTTTTTGAGGCTGGCTCGAAGCGAGGGTTGT  
 GGGAGCGTTCCGGGCCCCACGGAACCCGAGTAAAAACCAACGGGCAGCTACTCTCTAACCGGTGCGCCAAAACCTCCGACCGAGCTTCGCTCCCCAAACA

noncoding sequence of the cDNA of the GBSSI

GGAAGTGGAGCGAGGAGGTTGGAGAAAGAGGCGGACATGCTTGACTGGAGGTACACAAAGTGGAGCGTGCACGGCACGGAGGCATTGGCGGACTATTG  
CCTTCACCTCGCTCCTCCCAACCTCTTCTCCGCCTGTACGAACCTGACCTCCATGTGTTTCACCTCGCACGCTGCCGTGCCCTCCGTAACCGCCTGATAAC

noncoding sequence of the cDNA of the GBSSI

ACCCAGTAGTGTGGAAGTAGTTGGACCTGAAATCTTTGAGAGTACCGCGCATTAATCCGTGAGAGAGTAACAAAGATGGCACCTGAAAAA  
TGGGTCAACACACCTTTCATCAACCTGGACTTAAGAAACTCTCATGGCGCGTAATTAGGCACCTCTCTCATTTGTTCTACCGTGGACTTTT

noncoding sequence of the cDNA of the GBSSI

AAAAAAA  
TTTTT  
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